



SWARC NEWS

Notes from K7RLH

The thunderstorms have been pretty much every day around the area, so I guess the rain dances you all did must have worked.

Our August meeting was well attended, given the number of members out for various illnesses, etc. Since we do not currently have a club secretary, I will report attendees in the normal place and recap what business was discussed.

Thanks to all those who responded to my suggestion/request that you show commitment to South Wake ARC by renewing your membership for the upcoming fiscal year. We continue to receive more renewals as well as new members from some of the test sessions.

Updating the membership on health issues affecting our members, we ask you to keep the following in your thoughts and prayers:

Gary, KO4LQX, still needs our prayers for his ongoing throat tumor issue and the treatment options.

Kenny, KJ4CVK, seems to be doing better, and last I heard he was getting his short leg prostheses. We certainly hope that works out for him.

A recent update on Miss Velda, K4VJC, indicated that she has movement in both arms now. Please keep Velda and Mike (KD4MC) Callam and family in your thoughts and prayers. She/they still have a long road of recovery ahead.

Steve, KA0GMY, continues to have health issues, so remember him and Miss Gloria as well.

Al Crawford, WA4TCJ, hopefully got the boot off at the end of July. Since I was not present, I'm not sure.

New Business: Reported in the normal location for the secretary report.

Look for other news and info in the body of the newsletter.

SWARC de K7RLH

Notes from KO4ZFO

September's meeting will be an explanation of the three-node packet station in the radio room, presented by Tadd Torborg, KA2DEW, who is a founder of NC Packet and TARPNet. Perhaps we will have the presentation and then visit the radio room to observe the operation in progress. Stay tuned for future meeting topics. You can also send me suggestions of things you would like to learn about.

Cheers and 73,

Rodney KO4ZFO

SWARC 3 August 2022 Meeting Highlights

I was not told what food was consumed, but I assume no one left hungry or it was their own fault.

Attendees included:

Bill Blomgren (KK4QDZ), Rodney Warren (KO4ZFO), Al Crawford (WA4TCJ), Andy McDaniel (KN4JJU), Mike Gaither (K4MG), Steve Mowels (KA0GMY), Dave Krum (NW3U) and Penny, Ken Castille, KN4GUS, Christine Fernandini, KJ4AEO, Gary

Plante, KO4LQX, Brian Lehrsall, N4BVL, and visitors Ed Castle, Joe Sutton, and Robert Walker (new member as of meeting).

At 7:00 pm, the meeting was opened by VP, Rodney Warren, KO4ZFO, who led the pledge.

New Business:

Other than the meeting topic, I have been informed that rekeying of the entire AL Post 116 facilities, including our radio room, was the only new business.

Meeting concluded around 8:00 pm.

TREASURER'S REPORT

Christy Fernandini reported a current balance of \$1,810.17. Dues and donations were the revenue and expenses covered the donation to Danny Hampton, K4ITL, and a bank service fee. We continue to get membership renewals which provide the revenue stream—thank you all!

MEMBERSHIP

You can bring a check or cash for dues to the next meeting or mail them to the club PO box and Christy will let me know she has received them so I can update the list. If you mail them, give me a heads up so I can mark it as pending on the roster. Make checks payable to South Wake ARC and mail to South Wake ARC, PO Box 1565 – Fuquay Varina, NC 27526, Steve, WB4SMS

NET REPORT

SWARC Group – July 2022

We have three individuals who can be referred to as net check in champs for the past several months, including June; they are Bill, KK4QDZ, Richard,

K7RLH, and Al, WA3JJG. We had 233 total check ins for July. **Not** all net controls record their counts so numbers could be higher than noted.

I look forward to hearing you on the net!

- Saturday and Sunday evenings will be called by KT4JR & K7RLH
- KO4ZFO will call Monday evenings
- KA0GMY will call Tuesday evenings (backup is K7RLH/KJ4CVK)
- KK4BK will call Wednesday evenings except on meeting nights
- KJ4CVK will call Thursday evenings
- Fridays will continue to be called by NC4MP
- And we need backups – JUST BECAUSE.

Please contact Richard, K7RLH, or Kenny, KJ4CVK, if you are interested in calling one or more nets.

Public Service

Check the HPSNC.org web site often for Public Service opportunities. The public service season is upon us and events need volunteers.

BOARD OF DIRECTORS

President

Richard Hall--K7RLH

Vice President

Rodney Warren, KO4ZFO

Secretary

Treasurer

Christy Fernandini - KJ4AEO

Member-At-Large

Al Crawford – WA4TCJ

Member-At-Large

Bernie Jones – N4BAJ

Member-At-Large

Mike Gaither –
K4MWG

Member-At-Large

Brian Knox--KK4BK

Membership Chair

Steve Suzanne,
WB4SMS

Appointed Positions

NET MANAGER

Kenny Souther-KJ4CVK

Special Events Director

Gino Fernandini –KI4YXO

Public Service Director

David Krum – NW3U

SWARC Mission Statement

South Wake ARC's primary purpose is to further the Amateur Radio Service through programs, activities, and education, in order to promote the radio knowledge, fraternalism and individual operating efficiency of its members. Further, it shall be our purpose to support the welfare of our community through public service including radio communications for emergency situations and public events, and through providing information, training, and assistance to individuals or organizations with an interest in the Amateur Radio Service.

LINKS (if you have other links you want added, then send them to me)

PCRN

A Wide Area Digital Amateur Radio Network

www.ncprn.net

GigaParts

www.gigaparts.com

QRZ

www.qrz.com

Ham Radio Outlet HRO

www.hamradio.com

Raleigh Amateur Radio Society RARS

www.rars.org

Johnson Amateur Radio Society JARS

www.jars.net

South Wake Amateur Radio Club SWARC

www.southwakearc.com

Carolina 440 Network

www.carolina440.net

North Carolina Packet

www.ncpacket.com

TARPN (Terrestrial Amateur Packet Radio Net)

www.tarpn.net

ARRL News

The K7RA Solar Update

Tad Cook, K7RA, of Seattle, Washington, reports for this week's ARRL Propagation Bulletin:

Solar activity continued to decline this week, with the average daily sunspot number dropping from 91.1 to 36.6, and average solar flux at 95.7, down from 107.6 the week prior.

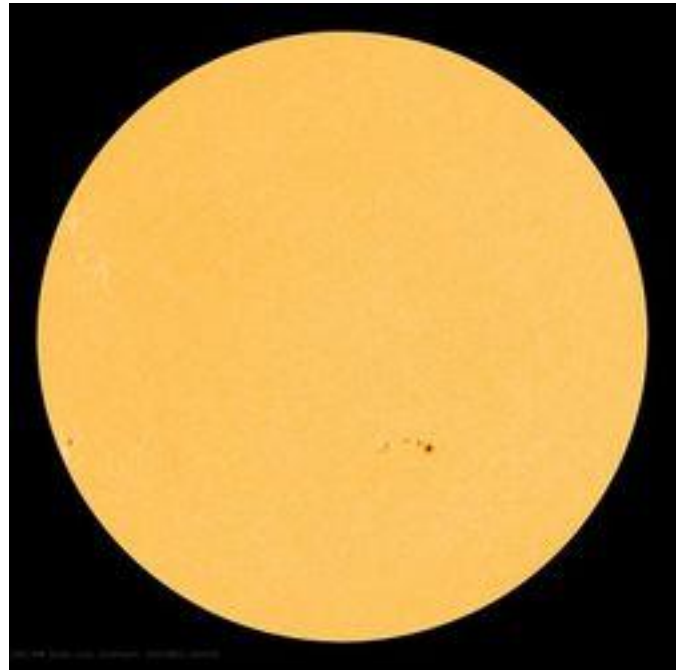
We have not seen lower values since mid-April in bulletin ARLP015

with average sunspot number at 34.4, and the end of February in ARLP008 with the average solar flux at 95.4.

This was noticeable over the past week on 10 and 12 meters, but there must still be some daily sporadic E, from what I have seen on an email list devoted to 10-meter propagation beacons. I have one myself -- K7RA/B transmitting CW from CN87uq on 28.2833 MHz.

The outlook from the United States Air Force space weather group shows a meager forecast for solar flux, according to forecasters Sadovsky and Ciopastu on Wednesday.

Predicted solar flux over the next month never rises above 100, having values of 100 for August 4 - 7; 98 and 96 on August 8 - 9; 98 on August 10 - 14; 100 on August 15 - 16; 98 on August 17 - 18; 96, 96, and 98 on August 19 - 21; 96 again on August 22 - 23; 92 on August 24 - 28; 90 and 92 on August 29 - 30; 94 on August 31 - September 1; 96 on September 2 - 3, and 98 on September 4 - 10.



[Photo courtesy of NASA SDO/HMI]

Predicted planetary A index is 8 on August 4; 5 on August 5 - 7; 8, 14, and 12 on August 8 - 10; 8 on August 11 - 12; 5 on August 13 - 16; 22 on August 17; 15 on August 18 - 19; 8 on August 20 - 21; 5 on August 22 - 25; 10 and 12 on August 26 - 27; 5 on August 28 - 29; 12 and 10 on August 30 - 31, and 5 on September 1 - 6.

Sunspot numbers for July 28 - August 3 were 50, 40, 27, 39, 32, 31, and 37, with a mean of 36.6. The 10.7-centimeter flux was 93, 90.8, 94.3, 95.4, 97.8, 98.8, and 99.9, with a mean of 95.7. Estimated planetary A indices were 7, 4, 7, 11, 8, 9, and 8, with a mean of 7.7. Middle latitude A index was 9, 6, 8, 12, 8, 10, and 7, with a mean of 8.6.

Send your tips, questions, or comments to k7ra@arrrl.net.

A comprehensive K7RA Solar Update is posted Fridays on the ARRL website. For more information concerning radio propagation, [visit](#) the ARRL Technical Information Service, [read](#) "What the Numbers Mean..." and [check out](#) the Propagation Page of Carl Luetzelschwab, K9LA.

A propagation bulletin [archive](#) is available. For customizable propagation charts, visit the [VOACAP Online for Ham Radio](#) website.

[Share](#) your reports and observations.

A weekly, full report is posted on [ARRL News](#).

Just Ahead in Radiosport

- August 7 -- SARL HF Phone Contest (phone)
- August 9 -- Worldwide Sideband Activity Contest (phone)
- August 10 -- NAQCC CW Sprint (CW)
- August 10 -- Phone Weekly Test (phone)
- August 10 -- VHF-UHF FT8 (FT8)

- August 12 -- QRP Fox Hunt (CW)
- August 12 - 14 -- MMonVHF/DUBUS 144-MHz Meteor-scatter Sprint Contest (CW, phone, digital)

Visit the [ARRL Contest Calendar](#) for more events and information.

Upcoming Section, State, and Division Conventions

- August 6 - 7 | [Cedar Valley ARC Techfest](#), hosting the ARRL Iowa State Convention, Central City, Iowa
- August 13 | [Tidewater Hamfest and Swap Meet](#), hosting the ARRL Virginia State Convention, Portsmouth, Virginia
- August 20 - 21 | [Huntsville Hamfest](#), hosting the ARRL Southeastern Division Convention, Huntsville, Alabama
- August 26 - 28 | [Northeast HamXposition](#), hosting the ARRL New England and Hudson Division Conventions, Marlborough, Massachusetts
- September 2 - 4 | [Shelby Hamfest](#), hosting the ARRL North Carolina Section Convention, Shelby, North Carolina
- September 11 | [ARRL Southern New Jersey Section Convention](#), Mullica Hill, New Jersey
- September 17-18 | [QSO Today Virtual Ham Expo](#) (online event). *ARRL is a QSO Today partner.*
- September 23 - 24 | [HRO Superfest](#), hosting the ARRL Central Division Convention, Milwaukee, Wisconsin
- September 24 | [Red River Radio Amateur Hamfest](#), hosting the ARRL Dakota Division Convention, West Fargo, North Dakota
- September 24 | [Spokane Hamfest](#), hosting the ARRL Washington State Convention, Spokane Valley, Washington
- October 1 | [Wichita Area Hamfest](#), hosting the ARRL Kansas State Convention, Wichita, Kansas
- October 1 | [Rock Hill Hamfest](#), hosting the ARRL South Carolina Section Convention, Rock Hill, South Carolina

Search the [ARRL Hamfest and Convention Database](#) to find events in your area.

ARRL -- Your One-Stop Resource for Amateur Radio News and Information

- **Join or Renew Today!** Eligible US-based members can elect to receive [QST](#) or [On the Air](#) magazine in print when they join ARRL or when they renew their membership. All members can access digital editions of all four ARRL magazines: *QST*, *On the Air*, *QEX*, and *NCJ*.
- Listen to [ARRL Audio News](#), available every Friday.
- *The ARRL Letter* is available in an accessible format, posted weekly to the [Blind-hams Groups.io](#) email group. The group is dedicated to discussions about amateur radio as it concerns blind hams, plus related topics including ham radio use of adaptive technology.

Subscribe to...

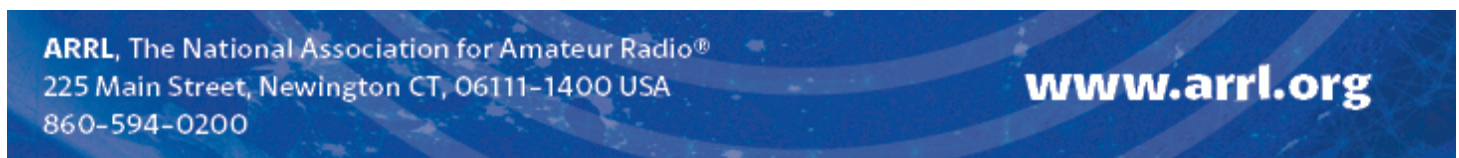
- [NCJ -- National Contest Journal](#). Published bimonthly, features articles by top contesters, letters, hints, statistics, scores, NA Sprint, and QSO parties.

- [QEX -- A Forum for Communications Experimenters](#). Published bimonthly, features technical articles, construction projects, columns, and other items of interest to radio amateurs and communications professionals.

Free of charge to ARRL members...

- [Subscribe](#) to the *ARES Letter* (monthly public service and emergency communications news), the *ARRL Contest Update* (biweekly contest newsletter), Division and Section news alerts and much more!
- Find ARRL on [Facebook](#)! Follow us on [Twitter](#) and [Instagram](#)!

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HAMFEST INFORMATION AND SECTION NEWS FROM MARV HOFFMAN

The following hamfests have been scheduled for 2022.

August 13, Fayetteville NC, sponsored by the Cape Fear Amateur Radio Society, held at the Cumberland County Shrine Club. Info at

<https://nam12.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.cfarsnc.org%2F&data=05%7C01%7C%7Cc365f1599d4949b9e08e08da41e746b6%7C84df9e7fe9f640afb435aaaaaaaaaaaa%7C1%7C0%7C637894758823569209%7CUnknown%7CTWFpbGZsb3d8eyJWljoIMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTil6Ik1haWwiLCJXVCi6Mn0%3D%7C3000%7C%7C%7C&sdata=O7O2vVZAGKgicGdAfg%2FU7jH8Azdyw7L0dk812XVTfWs%3D&reserved=0>.

September 2-4, Shelby NC, sponsored by the Shelby Amateur Radio Club, held at the Cleveland County Fairgrounds. Info at

<https://nam12.safelinks.protection.outlook.com/?url=http%3A%2F%2Fshelbyhamfest.org%2F&data=05%7C01%7C%7Cc365f1599d4949b9e08e08da41e746b6%7C84df9e7fe9f640afb435aaaaaaaaaaaa%7C1%7C0%7C637894758823569209%7CUnknown%7CTWFpbGZsb3d8eyJWljoIMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTil6Ik1haWwiLCJXVCi6Mn0%3D%7C3000%7C%7C%7C&sdata=w6xLRn0uEs6SE94iXo1OD3GRln39JHauy1ShMPR3XII%3D&reserved=0>.

Club Visits

I may be able to visit with your club, either in person or by Zoom. Please feel free to send me an invitation and be sure to include the date and time of your meeting.

I am looking for a new Affiliated Club Coordinator and a Public Information Coordinator. If you are interested in either of these positions, drop me a line. (Look in QST for email address)